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MobileDemand
xTablet T1600
Rugged xTablet T1600 User's Guide

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Before You Start

Congratulations on your purchase of this xTablet T1600.

This rugged xTablet T1600 is portable and provides users with maximum mobile computing experience in a wide range of working environments. Before you begin using your xTablet T1600, read this chapter to familiarize yourself with the main components installed in the system.

Package Contents

If any of following items is damaged, please contact MobileDemand.

Tablet

AC adapter

Power cord

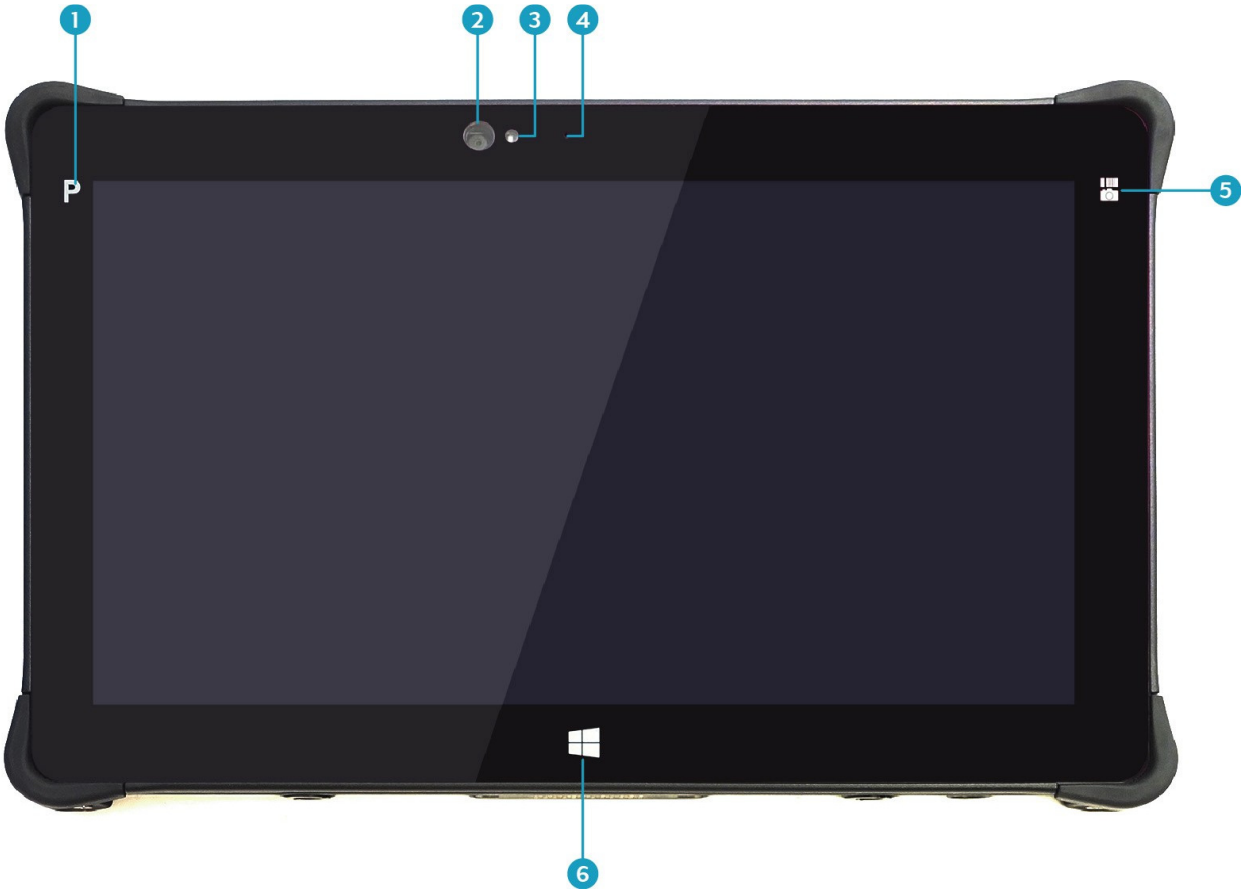
Stylus Pen

Briefcase Handle

X-strap

Product Overview

Front View



No.	Item	Description
1	Program button	Tap to enter the chosen program. (user defined)
2	Front camera	Use for video conference.
3	Ambient light sensor	Use to detect the current level of visible light in the surrounding environment.
4	Microphone	Capture audio.
5	Scanner or Camera button	The button functionality can be assigned via Quick Menu. • Scanner button: Press to trigger the Barcode scan function if the barcode scanner is enabled. • Camera button: Press to take a picture.
6	Home key	Tap to return to the Start screen (Windows 8 only).

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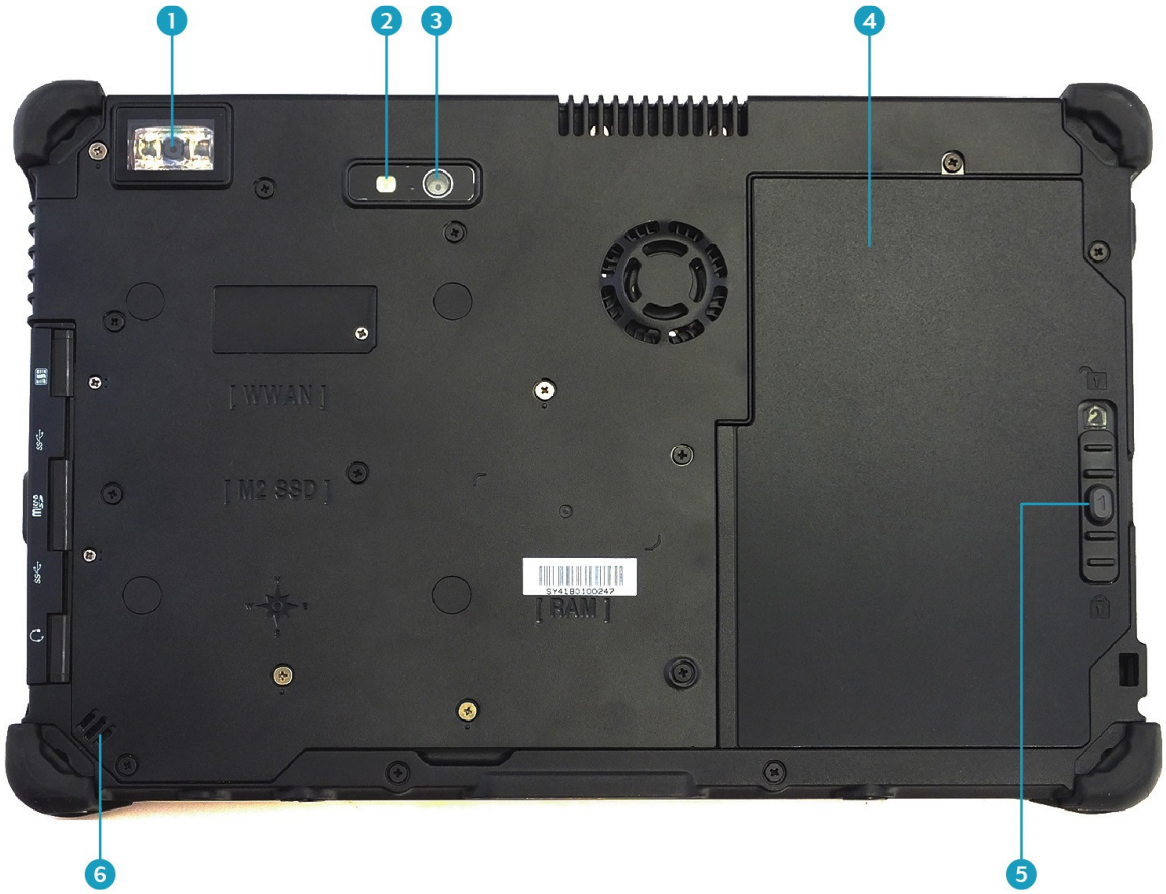
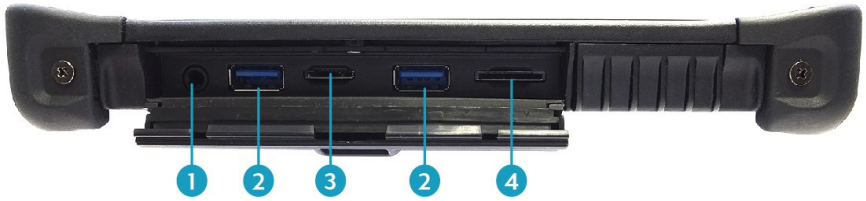
Back View



No.	Item	Description
1	Barcode scanner	Scan barcodes.
2	Camera LED flash	Provides additional lighting when taking pictures in low light.
3	Rear camera	5MP pictures with auto-focus.
4	Battery compartment	Single battery pack.
5	Battery latch release button	Press and hold the button to unlock and slide to unlatch the battery latch and remove battery.
6	Speaker	Audio output.

Right View



No.	Item	Description
1	Audio Combo jack	Connect a headphone/external speakers/ microphone.
2	USB 3.0 ports (x2)	Connect USB peripherals.
3	Memory card slot	Use to insert memory cards to transfer pictures, music, and data between your xTablet T1600 and other SD compatible devices. The card reader supports SD (Secure Digital), SDXC, SDHC, Mini-SD (with adapter), Micro-SD (with adapter).
4	Mini SIM card slot	Use to insert a Mini SIM card for LTE activation if ordered with LTE.

Left View

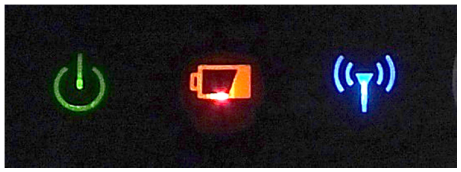
No.	Item	Description
1	Power button	Press to turn your xTablet T1600 on or off.
2	Volume buttons	Press to adjust the volume level.
3	Kensington lock slot	Connect a Kensington-compatible xTablet T1600 security lock.

Bottom View

No.	Item	Description
1	Docking contacts	Connect the xTablet T1600 to a docking station.
2	DC-in jack	Connect the power adapter.

Status Indicators

The status indicators in the upper side of the xTablet T1600 light up when a particular function of the xTablet T1600 is active.



Icon	Item	Description
	Power	The power icon is solid green when the system is running. When the system is in sleep mode, the icon blinks.
	RF	Blue antenna icon shows that radio (WLAN, WWAN, or Bluetooth) communications are enabled.
	Battery	Battery icon: • Green: when battery is fully charged (95% or above) • Orange: when battery is charging • Flashing orange: charging error • Red: when battery capacity is lower than 10% • Off: when discharging and above 10% or off

Getting Started

Installing the Battery

1. Align and insert the battery to the battery compartment.

2. Push completely until the battery is fully seated.

3. Slide the battery latch to the lock position to secure the battery.

Charging the Battery

The Lithium-ion battery is not fully-charged when shipped.

To charge the battery, follow the steps below:

1. Install the battery to your xTablet T1600. See procedures above.
2. Connect the AC adapter to the DC-in jack of your xTablet T1600.
3. Connect the AC adapter to the power cord.
4. Plug the power cord to an electrical outlet.

When to replace the Battery Pack

The battery performance gradually decreases over time and usage. We recommend you to replace your battery pack after 18 to 24 months of usage.

Removing the Battery

To remove the battery, follow the steps below:

1. Connect to power or shut down the tablet prior to battery removal.

2. Press and hold the battery latch release button to slide the battery latch to the unlock position.

2. Remove the battery out of the battery compartment.

Connecting the Power

Your xTablet T1600 can be powered up using the AC adapter or the Lithium-ion battery.

Connecting the AC Adapter

The AC adapter powers up your xTablet T1600 and charges the battery.

1. Connect the AC adapter to the DC-in jack of your xTablet T1600.
2. Connect the AC adapter to the power cord.
3. Plug the power cord to an electrical outlet.

Using Battery Power

1. Install a charged battery in the battery compartment.
2. Remove the AC adapter (if plugged). Your xTablet T1600 will automatically use the battery power.

NOTE

- If your xTablet T1600 is connected to an electrical outlet and the battery is installed, your xTablet T1600 uses power from the electrical outlet while charging the battery.

Starting Your xTablet T1600

Turning On Your Device

Press the button until the power icon lights up.

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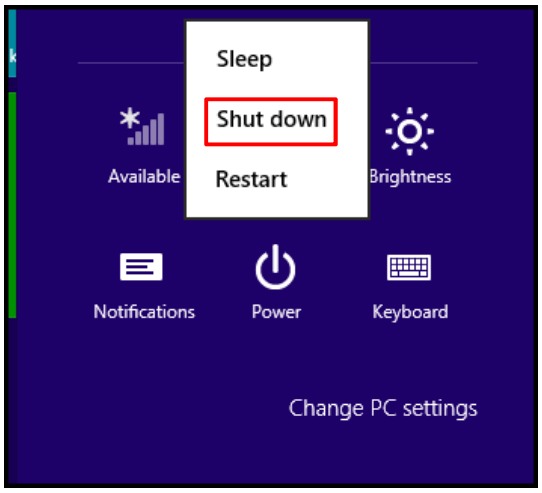
Turning Off Your Device

It is important to properly shut down your xTablet T1600 to avoid the loss of unsaved data. To shut down your xTablet T1600, do the following:

On Windows 8

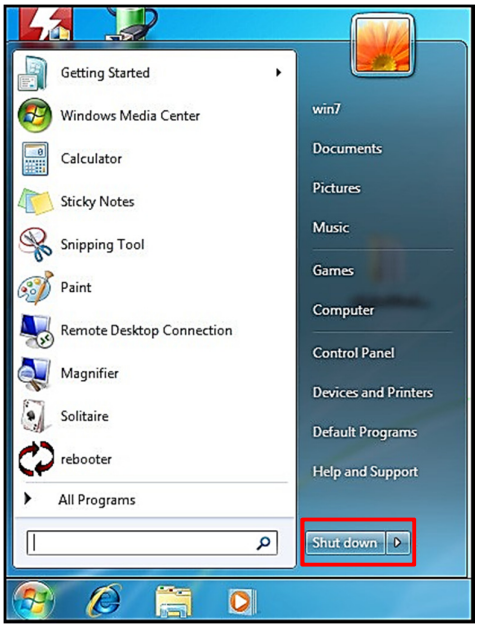
1. On the Start screen, swipe in from the right edge of the screen, then tap **Settings**.
2. Tap **Power** > **Shut down**.



On Windows 7

Click **Start** ( ) > **Shut down**.

Wait for your xTablet T1600 to turn off power completely before removing the power source (if necessary).



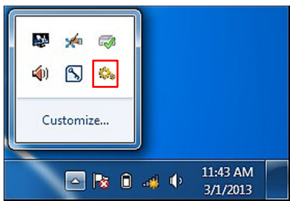
Operating Your xTablet T1600

This chapter will guide you on how to use your xTablet T1600.

Using the Quick Menu

To enter the Quick menu:

- On Windows 8: In Apps view, tap **Quick Menu** ( ). You can also access the Quick menu on the task bar.
- On Windows 7: Tap the arrow on the task bar to display hidden icons. Then tap the Quick Menu icon ( ).



Quick Menu Overview

Windows 8

Windows 7

Icon	Item	Description
	Airplane mode	Tap the icon to enable/disable airplane mode. **NOTE** • When the Airplane mode is enabled, the wireless network (WLAN and WWAN), Bluetooth, and GPS will be automatically disabled.

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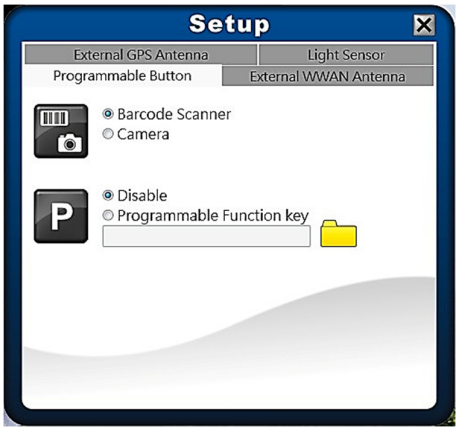
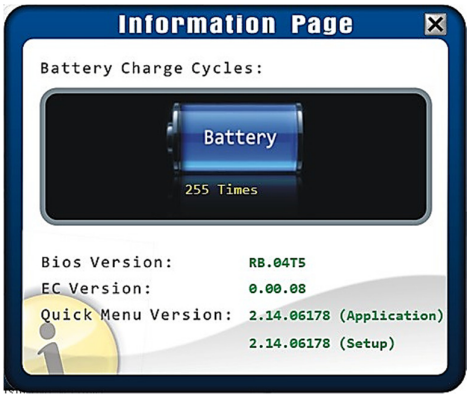
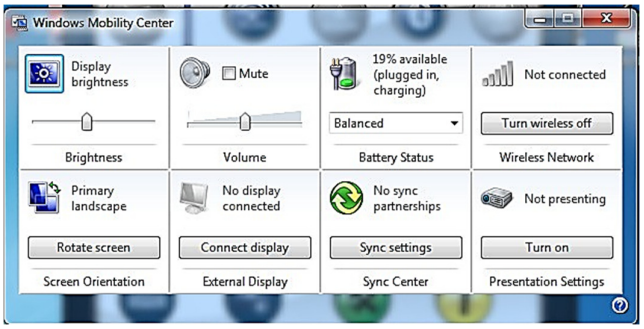
Icon	Item	Description
	WLAN	Tap the icon to enable/disable the Wi-Fi (WLAN) function.
	WWAN/GPS	Tap the icon to enable/disable the WWAN/GPS function. (Windows 7 only)
	WWAN	Tap the icon to enable/disable the WWAN function. (Windows 8 only)
	Bluetooth	Tap the icon to enable/disable the Bluetooth function.
	GPS	Tap the icon to enable/disable the GPS function. (Windows 8 only)
	Auto-rotate	Tap the icon to enable/disable the Auto-Rotate screen function.
	Setup	Tap the respective tab to set P key, Barcode/Camera key, light sensor, external GPS antenna, and external WWAN antenna settings. For details, refer to "Configuring the SETUP Menu Settings". 
	Information	Tap the icon to view the battery charge cycle, Bios version, EC version, and Quick Menu version. 

Icon	Item	Description
	Keyboard	Tap the icon to display/hide the on-screen keyboard (OSK.exe). (Windows 7 only)
	Mobility center	Tap the icon to adjust brightness, screen orientation, volume, external display, battery status, sync, wireless network, and presentation settings. 
	Barcode	Tap the icon to enable/disable the Barcode function.

NOTE

- If the icon is gray (i.e.), this indicates the current function is disabled.

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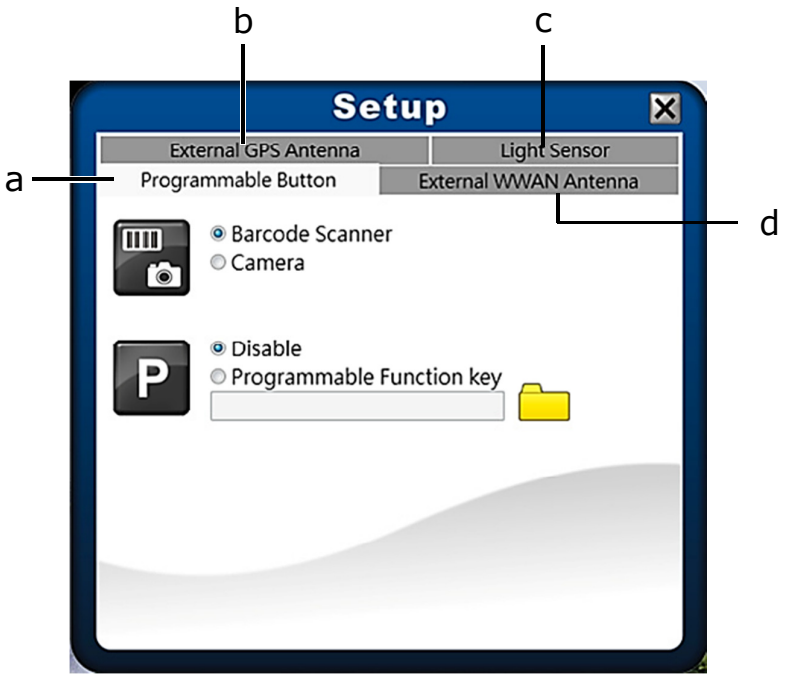
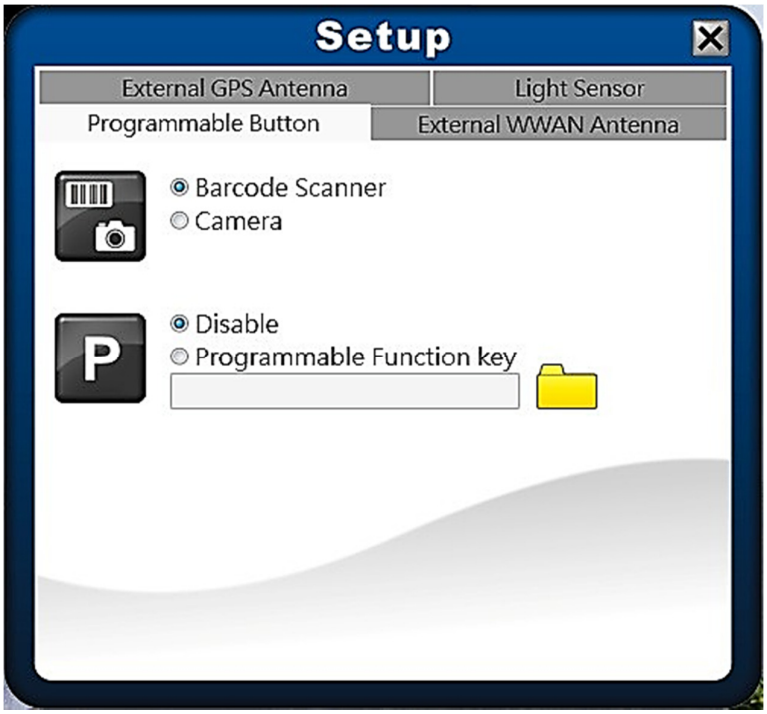
Configuring the SETUP Menu Settings



a. Programmable Button
b. External GPS Antenna
c. Light Sensor
d. External WWAN Antenna

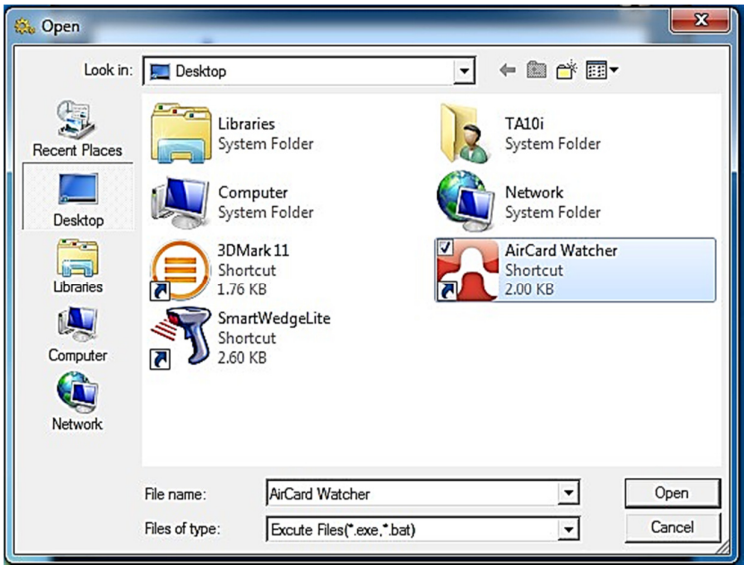
Configuring Programmable Buttons



- If the device is not installed with a barcode scanner, the **Function** button can be set as the shutter button when using the Camera.
- To assign an application to the **Program** button, do the following:

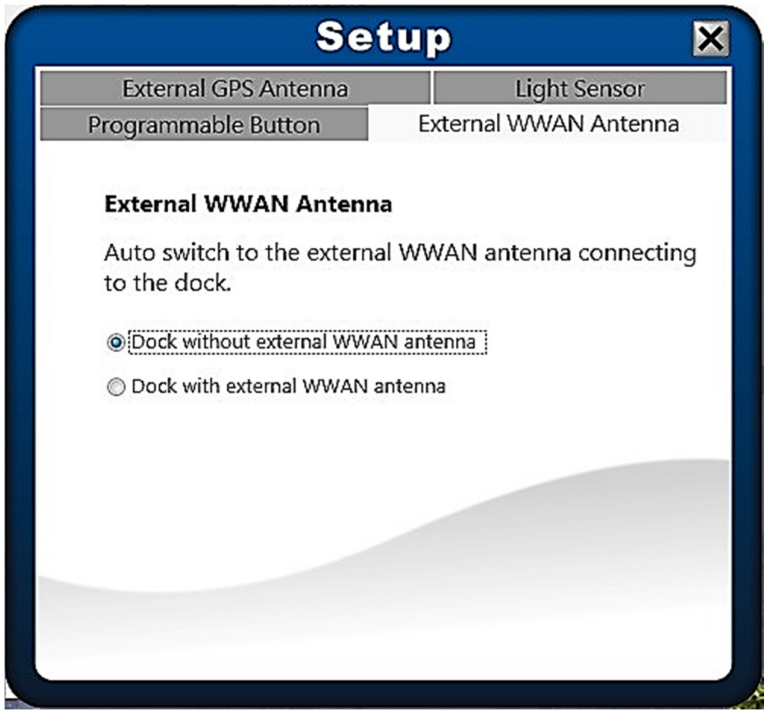
  I. Tap the folder icon ( ) to set up an application for the **Program** button.

  II. Select the desired application and tap **Open**.



Configuring External WWAN Antenna Switching

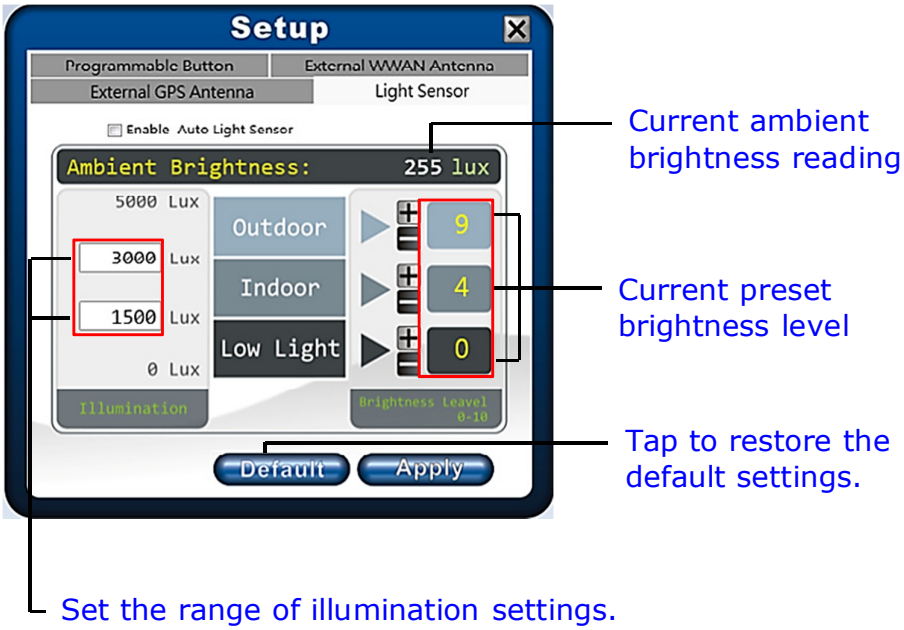
Tap the ***External WWAN Antenna*** tab to enable/disable the device to automatically switch to the external WWAN antenna when it is affixed on a docking station.



- **Dock with external WWAN antenna**: The device will be automatically switched to the external WWAN antenna when docking.
- **Dock without external WWAN antenna**: The device will NOT be automatically switched to the external WWAN antenna when docking.

Configuring Light Sensor Settings

Tap the ***Light Sensor*** tab to enable/disable the automatic light sensor, set and adjust the brightness level.



To change settings:

- Customize the illumination range according to the ambient lighting, enter the desired value in the first and second data box.

  As an example in the above illustration:
  - Outdoor (5000 ~ 500 lux)
  - Indoor (500 ~ 50 lux)
  - Low Light (50 ~ 0 lux).

- Adjust the brightness level according to the ambient light, tap or to adjust the setting (0~10).

- Save all settings, tap **Apply**.

- Enable the automatic light sensor function, tap the **Enable Auto Light Sensor** checkbox. The system will automatically adjust the LCD brightness according to these settings.

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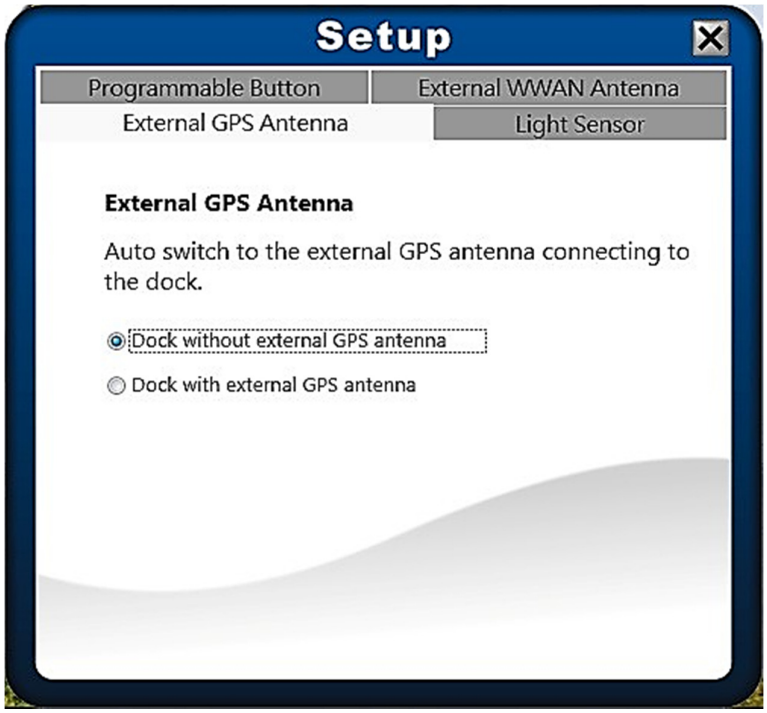
Configuring External GPS Antenna Switching



- Tap on **Dock with external GPS antenna**: The device will be automatically switched to the external GPS antenna when docking.
- Tap on **Dock without external GPS antenna**: The device will NOT be automatically switched to the external GPS antenna when docking.

Useful information

Boot Menu

To boot from a USB stick for example, you have two options.

1. Pressing F12 using a regular keyboard.
2. Go into the BIOS, and change the boot order, and make the USB stick the first boot device.

How to Enter the BIOS

To enter the BIOS, follow these steps:

1. Connect a Keyboard to the tablet
2. Turn on the tablet
3. Start pressing the DELETE key repeatedly right away
4. The tablet will come up into the BIOS menu

How to CTRL-ALT-DEL for Windows 7 Login

We are working on this with our engineering team to resolve this. Until then, you will have to use a wired, wireless, or Bluetooth keyboard.

1. Press the Windows Logo Button & the Power Button on the left side of the tablet at the same time.

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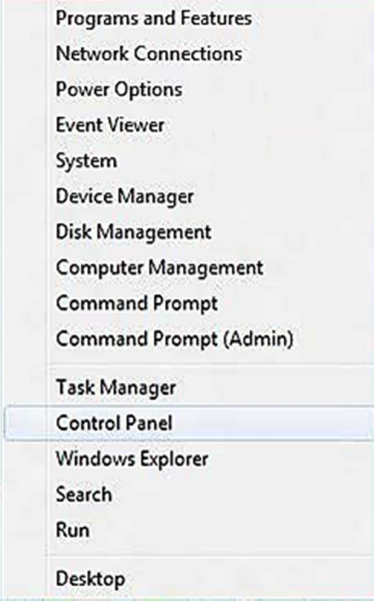
Tech Tip: I don't want Windows to ask for my password when I wake my tablet from sleep

We have noticed that even when we set the password to not prompt when the system awakes from sleep, it still asks for a password. This causes users extra time to put in a password.

In Desktop Mode press and hold your finger on the Windows Start Logo in the bottom left corner of the tablet



Select the Control Panel

Once in Control Panel, select User Accounts

Control Panel\All Control P
Control Panel ▸ All Control Panel Items ▸ User Accounts
Control Panel Home
Manage your credentials
Create a password reset disk
Manage your file encryption certificates
Configure advanced user profile properties
Change my environment variables
Reset Security Policies
Make changes to your user account
Make changes to my account in PC settings
Change your account name
Change your account type
Manage another account
Change User Account Control settings

Select Reset Security Policies

Now your settings will take affect that you have set in Power Management for the Password not being required on wake from sleep.

High Resolution Screen Scaling and Setting

The xTablet T1600's 1366 x 768 high resolution display is perfect for viewing image, video, or other applications, however, Windows user interface (icons, buttons, and other user interface elements) may be too small to read and operate at the default Windows settings. By changing the display scaling or the display resolution setting of the device, you can adjust the size of the text and other items on the desktop for optimal viewing. Display scaling is the recommended method because it has the effect of adjusting user interface without having to move away from the optimal resolution setting at 1366 x 768. This section will explain how you can adjust the built-in windows display scaling setting and resolution setting.

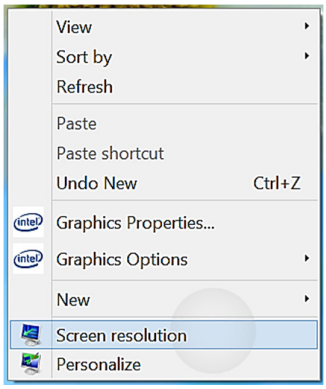
Note:

- Before proceeding to change the scaling option, make sure any opened document is saved then close, and all running applications are closed before proceeding to change the display scaling, because this procedure requires users to log out of their account to apply display scaling change.

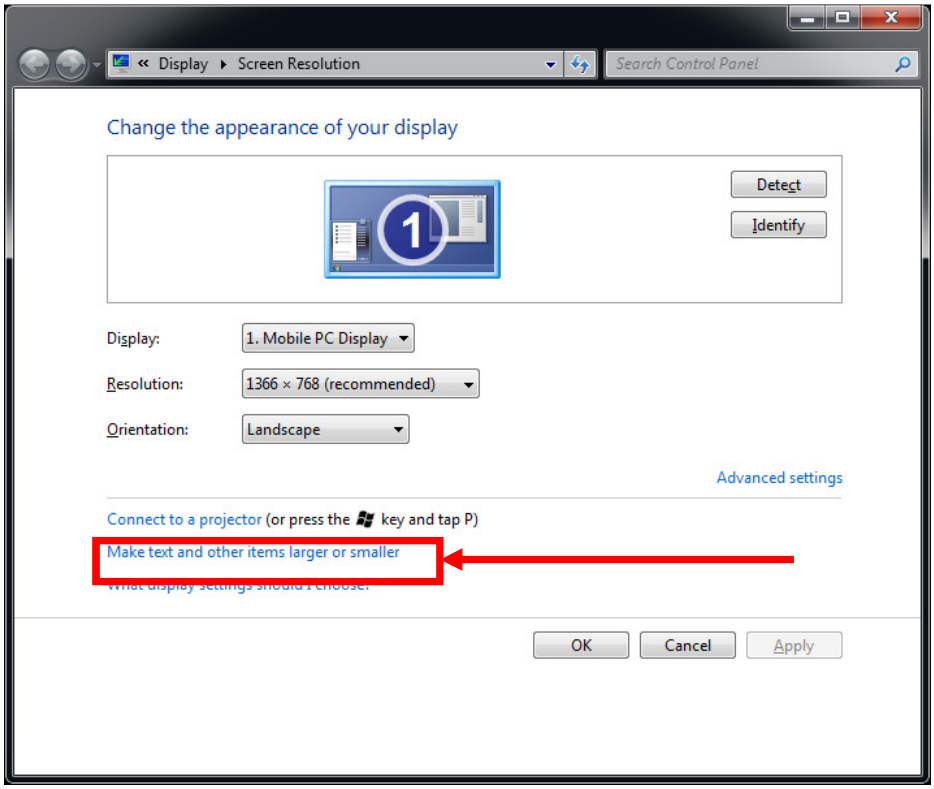
Changing display scaling setting

Perform the following to change display scaling setting:

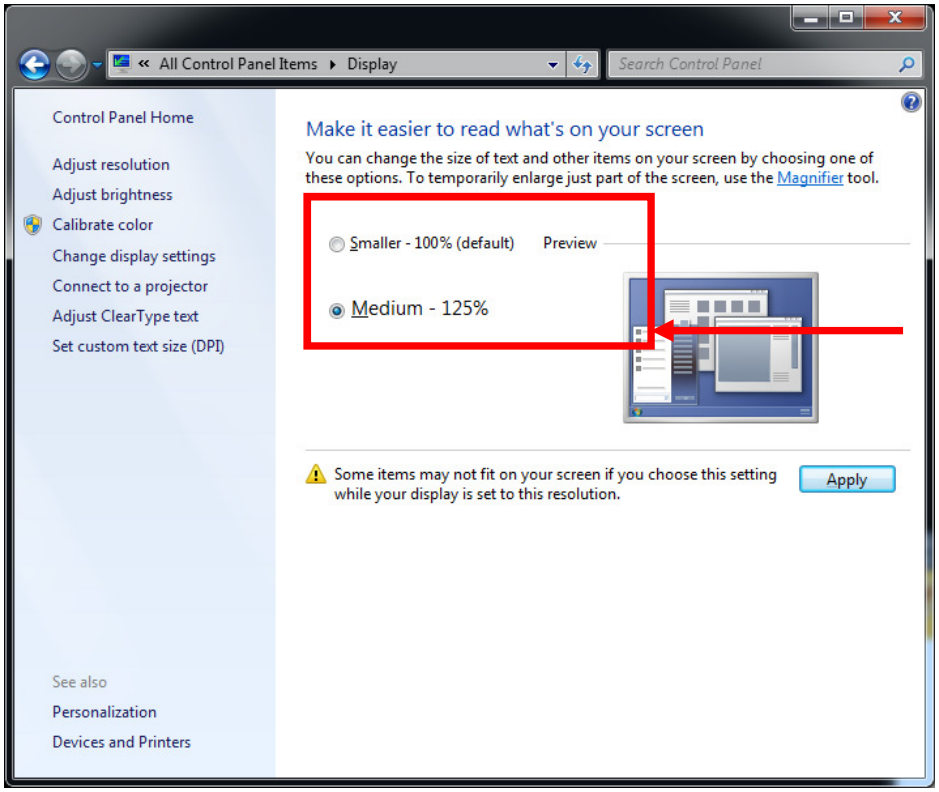
1. Tap and hold anywhere on the desktop for 3 seconds and release to bring up the context menu, and select "Screen resolution" option as shown below:



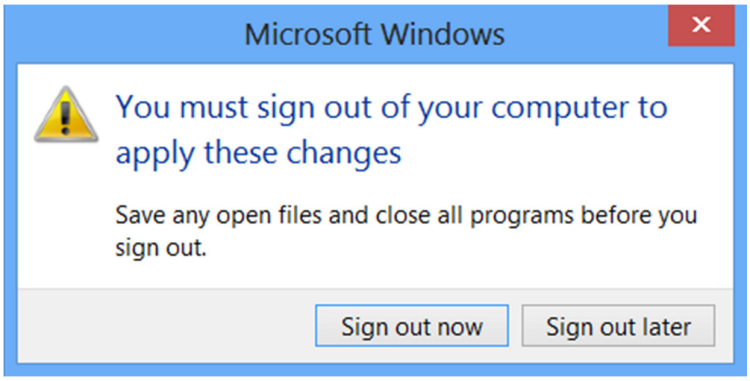
2. A “Screen Resolution” Window will show up. Select the “**Make text and other items larger or smaller**” option in the window, as shown below:



3. A “**Display**” window will show up. Under “**Change the size of all items**” section, change the scaling option to “**Medium – 125%**” or any other desired display scaling and hit “**Apply**” to save changes, as shown below:


« All Control Panel Items ▸ Display
Search Control Panel
Control Panel Home
Adjust resolution
Adjust brightness
Calibrate color
Change display settings
Connect to a projector
Adjust ClearType text
Set custom text size (DPI)
Make it easier to read what's on your screen
You can change the size of text and other items on your screen by choosing one of these options. To temporarily enlarge just part of the screen, use the Magnifier tool.
Smaller - 100% (default)
Preview
Medium - 125%
Some items may not fit on your screen if you choose this setting while your display is set to this resolution.
Apply
See also
Personalization
Devices and Printers

4. A prompt may show up to ask if you want to sign out to apply the scaling change. Hit “**Sign out Now**” to apply changes, as shown below:

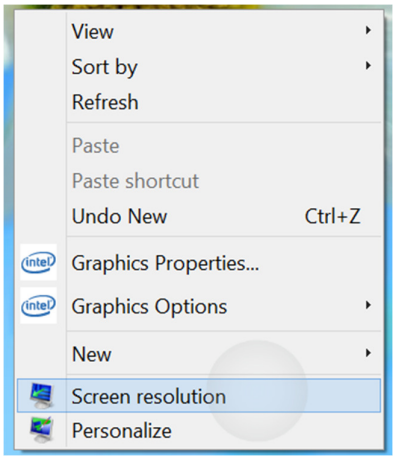

Microsoft Windows
You must sign out of your computer to apply these changes
Save any open files and close all programs before you sign out.
Sign out now
Sign out later

5. The user may now login again to Windows to see the changed display scaling already being applied.

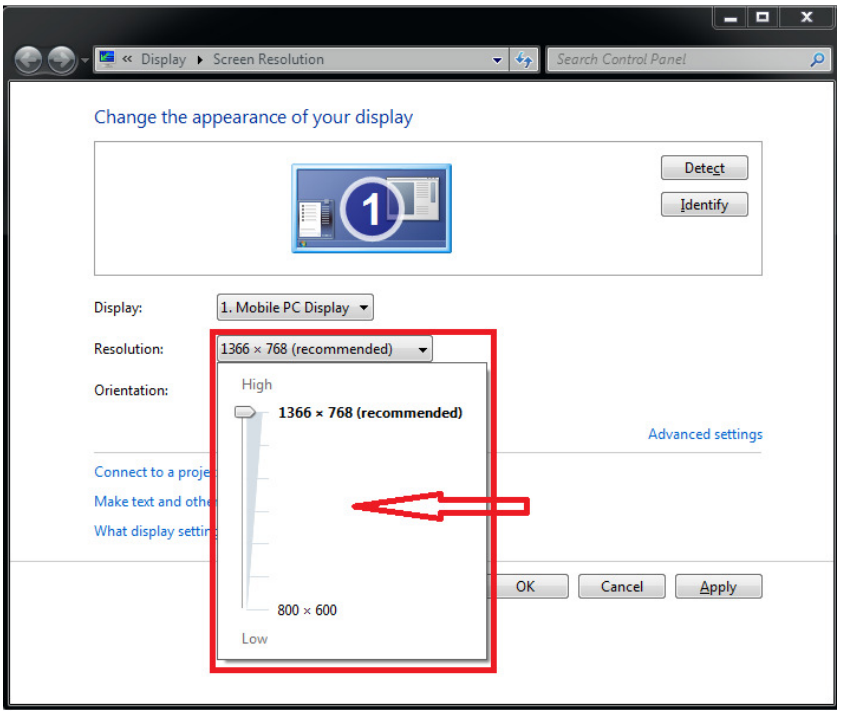
Changing screen resolution setting

Alternatively, instead of changing the display scaling setting, user may choose to change the overall resolution setting to make screen elements bigger.

1. Tap and hold anywhere on the desktop for 3 seconds and release to bring up the context menu, and select "**Screen resolution**" option as shown below:



2. Click on the dropdown option next to “**Resolution**” and select the desire resolution by tapping on the scale:



3. Hit “**Apply**”. A prompt “**Display Settings**” prompt will show up to ask the user if the applied resolution is usable.

4. If the new resolution is the desired display setting hit “**Keep changes**” and continue to next step. If the new resolution is not desirable, hit “**Revert**” and select a different resolution to change to, and start again from step 2.

5. The user may now use the device with the new resolution setting.

Using the Camera

Camera Application

The xTablet T1600 supports a separate ***Camera*** application that enables users to take photos.

There are two ways to launch the application:

- Double-click on the desktop.
- Tap **Start** > **All Programs** > **Camera Application**.

Take Photos

Press the Record button to capture the pictures.

View Photos

- Press the Forward or Backward button " / " to view the recorded photos.
- Press the Play button " " to switch to Playback mode.
- In Playback mode, press the Preview button " " to switch back to Camera mode.

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Delete Photos

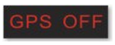
1. Press the Play button " " to switch to Playback Mode.
2. Use the Forward or Backward button " " to select the photo that you want to delete.
3. Press the Delete button " " and then choose **Yes** to delete the current photo.

Record GPS Coordinates (Geotagging)

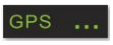
is the GPS signal status located on the top right corner of the window. If GPS coordinates are not able to be received, the last coordinates would be used instead.

GPS status indicator

GPS device is working properly



GPS device is not available



Searching for GPS signals

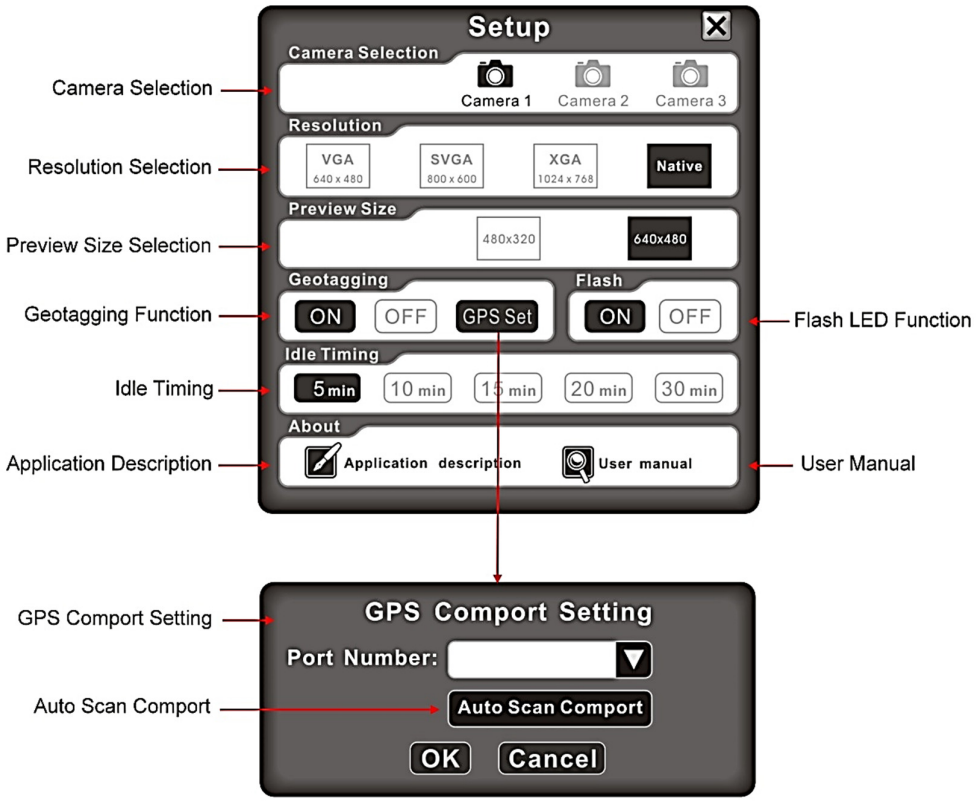
To use an external USB GPS device:

1. Press the Setup button " " to enter the Setup menu.
2. Tap

> **Auto Scan Comport**.
   The detected Port Number is displayed on the screen.

How to Change the Camera Setup:

Press the Setup button " ".



Camera Selection:

There are three cameras that you can select: .

- " " – the camera is available and ready to use.
- " " - the camera is not available.

Press the " " button after you have chosen the desired camera.

Resolution:

There are four resolution options that you can select: . If the Camera does not support these four resolutions, a "Change Resolution Error" message will appear on the screen. Press the " " button to exit. (Native: maximum resolution)

Read Me First

Preview Size:

There are two preview size options that you can select: 480x320 640x480.

Press the " " button after you have chosen the desired preview size.

Geotagging:

Tap **ON** to enable the Geotagging.

Press the " " button to exit.

NOTE

- Geotagging will only be activated if the xTablet T1600 is equipped with the GPS module.
- The camera logs the GPS position accurately if photos are taken outdoors.

Flash:

When capturing photos under the low light, tap **ON** to turn on the LED Flash.

NOTE

- The effective flash range is 50cm.

Idle Timing:

There are five Idle Timing options that you can select: 5 min 10 min 15 min 20 min 30 min.

Press the " " button after you have chosen the desired time.

NOTE

- When the system is left idle for a certain period of time, the camera module(s) would then stop running. It would be up and running again once user wakes up the Camera application.

Making Connections

This chapter will guide you on installing peripheral devices to maximize the use of your xTablet T1600.

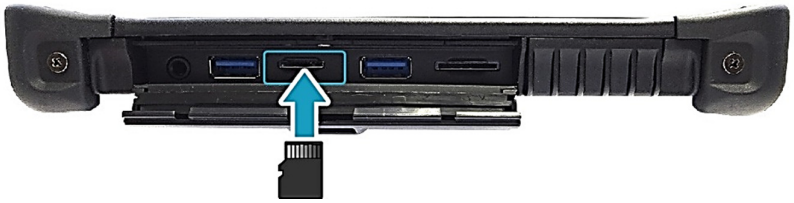
Installing the Memory Card

Your xTablet T1600 supports different types of memory cards to provide faster data transfer.

Supported types: SDHC, SDXC

To insert a memory card:

1. Push down and pull to open the I/O port cover.
2. Push the memory card into the memory card slot until it clicks into place.



Installing the SIM Card

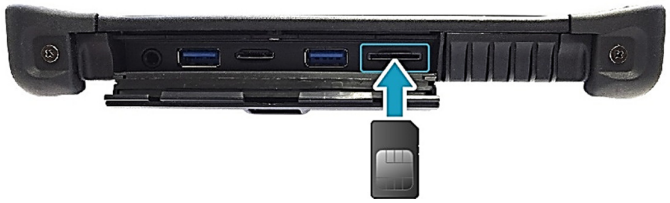
You can use a SIM card for LTE radio activation if you have purchased the LTE option.

NOTE

- Check the availability of service and plan rates of data connection with your network service provider.

To insert a SIM card:

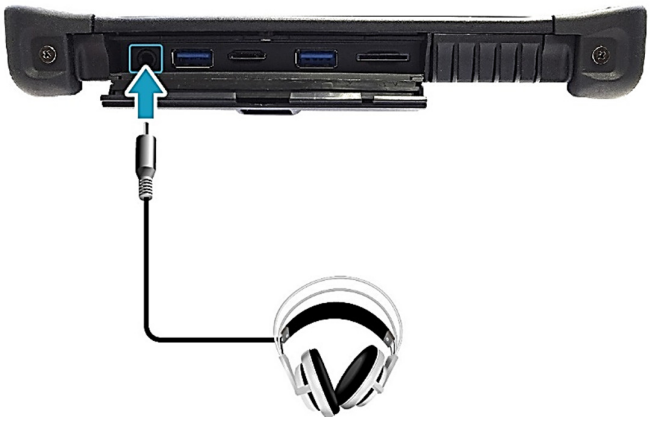
1. Push down and pull to open the I/O port cover.
2. Push a valid SIM card into the SIM card slot until it clicks into place.



Connecting the Microphone/Headset

Your xTablet T1600 is equipped with audio combo jack that enables you to use the headset or microphone.

❖ Connect a headset by opening the I/O port cover and plug the stereo headphone cable into the audio combo jack.



❖ Connect to a microphone by opening the I/O door and plug the microphone cable into the audio combo jack.

NOTE

- The headset and microphone are not included.

Connecting USB Devices

You can connect your xTablet T1600 to other USB devices, such as a mouse, keyboard, digital camera, printer, or an external hard disk drive.

1. Push down and pull to open the I/O door.
2. Connect one end of the USB cable to the USB port of your device.
3. Connect the other end of the cable to the USB device (if necessary).

NOTE

- The USB cables are not included.

Connecting to Bluetooth Peripherals

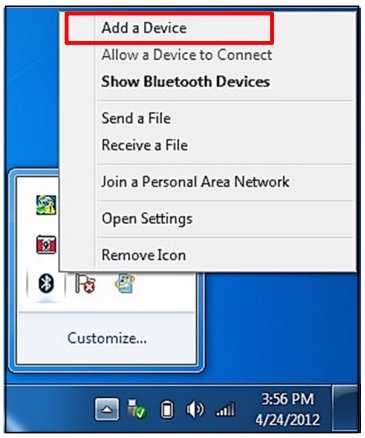
Your xTablet T1600 can connect and communicate with other Bluetooth-enabled devices.

Connecting to a Bluetooth Device

To add a device, follow the steps below:

1. Open the Quick menu.
2. Tap the Bluetooth icon ( ) to turn on the Bluetooth function.

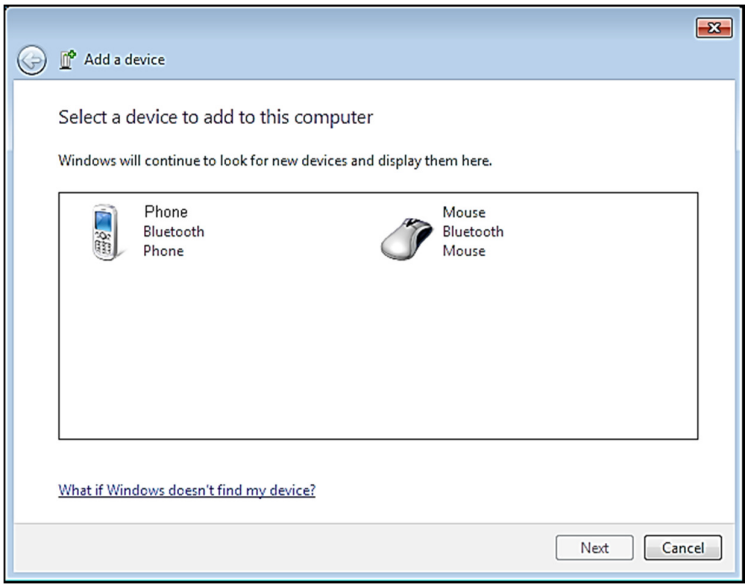
3. Tap the arrow on the task bar to display hidden icons.
4. Tap the Bluetooth icon ( ).
5. Tap **Add a Device**. The system starts scanning for Bluetooth devices and displays the available devices.



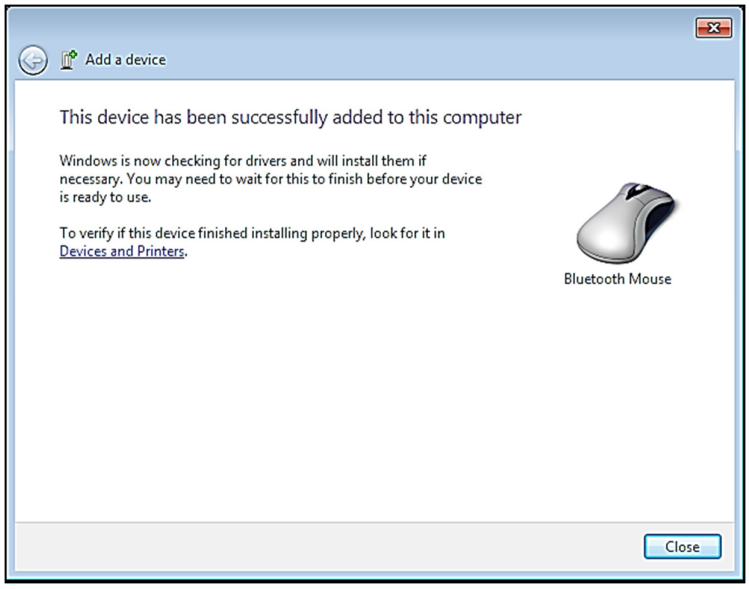
NOTE

- If the device that you want to add does not appear on the screen, please check to see if the device is turned on and discoverable.

6. Tap on a device, then tap **Next** to continue.



7. Tap **Close** to complete the pairing.


Add a device
This device has been successfully added to this computer
Windows is now checking for drivers and will install them if necessary. You may need to wait for this to finish before your device is ready to use.
To verify if this device finished installing properly, look for it in Devices and Printers.
Bluetooth Mouse
Close

NOTE

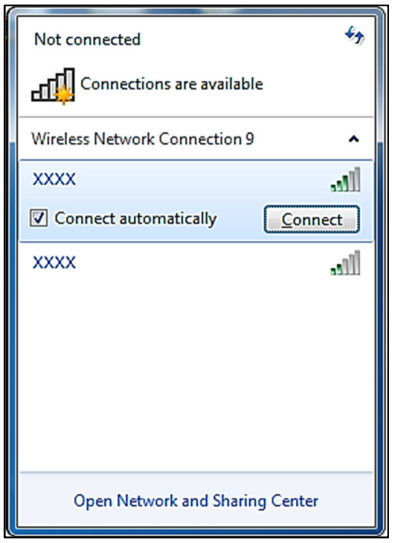
- The PIN you enter for pairing on the xTablet T1600 must be the same PIN entered on the Bluetooth device.
- Once a pairing has been created, connecting to that device again will no longer require entering the PIN.

Connecting to a Wireless Local Area Network

Your xTablet T1600 comes with a WLAN (WiFi) module. A wireless network can be added either when the network is detected or by manually entering the settings information.

To connect, follow the steps below:

1. Open the Quick menu.
2. Tap the WLAN icon ( ) to turn on the wireless network function.



3. Tap the wireless network icon ( ) on the task bar.
4. Available wireless network connections are displayed. Tap the desired wireless network.
5. Tap **Connect**.
   Some networks require a network security key or a password.

   TIP

   Check **Connect automatically** box to automatically connect to this network when it is available.
6. Enter the network security key.
7. Tap **OK**.
8. After the connection is established, you can see the wireless icon ( ) in the Notification area.

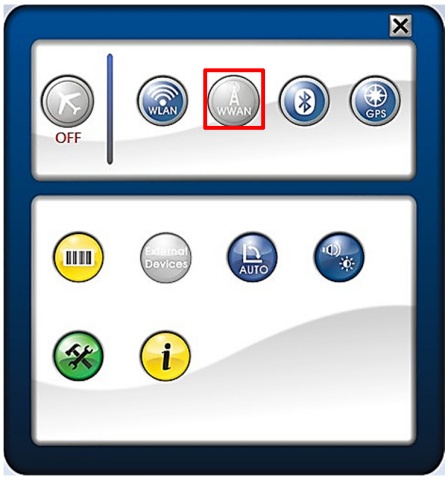
NOTE Actual wireless connectivity will depend on system configuration. Please contact your network administrator for more information.

Connecting to a Wireless Wide Area Network (WWAN)

With **WWAN (LTE)**, your xTablet T1600 can connect to the Internet using mobile or cellular data networks.

To enable the function, follow the steps below:

1. Insert a valid SIM card into the SIM card slot.
2. Open the Quick menu.
3. Tap the WWAN icon ( ) to turn on the WWAN function.
4. Launch the Skylight Connection Manager application.



Read Me First

How to use the Skylight Connection Manager Application

Setting up Mobile Broadband with the Skylight application & GPS functionality with the MobileDemand xTablet T1600

Thank you for purchasing your MobileDemand xTablet T1600 with the mobile broadband GOBI module.

To use mobile broadband network connections with your MobileDemand xTablet T1600, you use the Sierra Wireless Skylight application called Skylight.

The Skylight application is already installed on your computer; the icon is on your desktop.

You must set up the Skylight application before you can use your mobile broadband network. To do so, perform the following steps:

Step 1: Start the Skylight application

Step 2: Choose your Carrier in the Skylight application

Step 3: Inserting your SIMM card

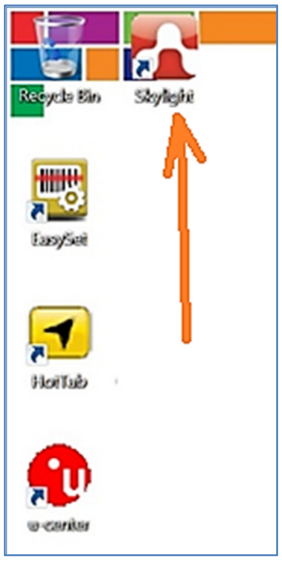
Step 4: Connect to your carrier

Step 4: Set up xTablet GPS. You do not need a mobile broadband account to use the MobileDemand xTablet's GPS feature.

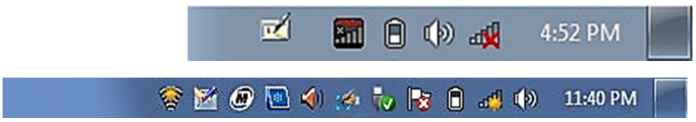
Step One: Start the Skylight application

You start the Skylight application from the icon on the Desktop of Windows.
To start the Skylight application

1. Tap Start > Desktop – Skylight



The Skylight application window opens and the icon appears in the Windows notification area, for example:

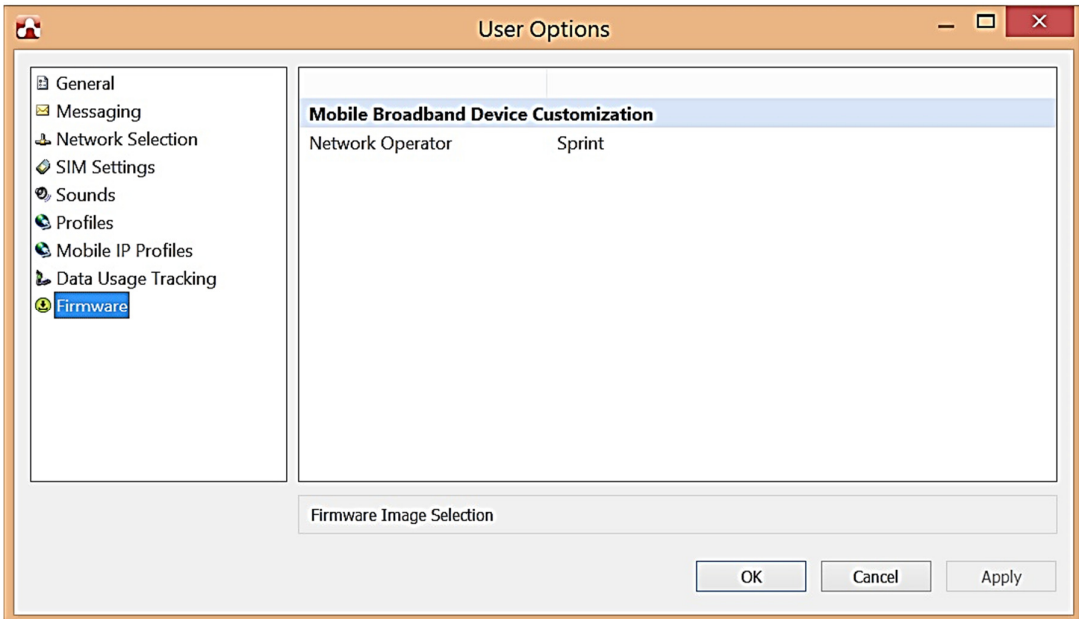


Note: If you do not see the icon, click the arrow next to the notification area to view additional icons.

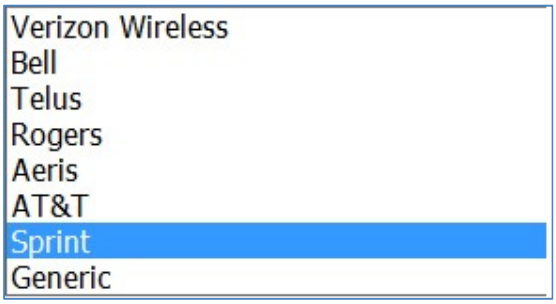
Step Two: Choose your carrier in the Skylight application

Before you can use the mobile broadband installed on your tablet, you need to set up the Skylight application with the information about your mobile broadband network carrier.

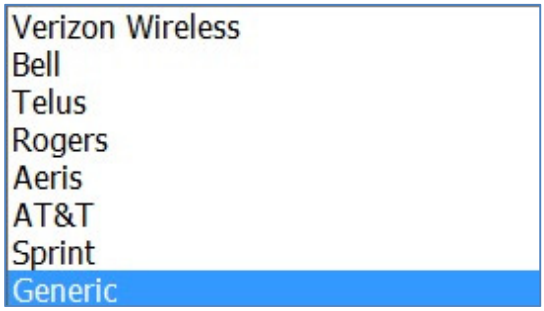
1. In the Skylight application Window, click on the icon of the wrench.



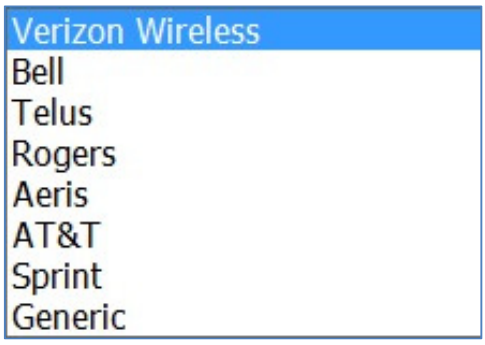
2. Click on "Network Operator, and you will be presented with a drop down list of carriers.



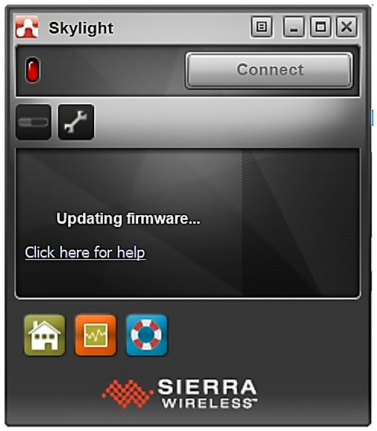
3. Select your carrier from the list of carriers.



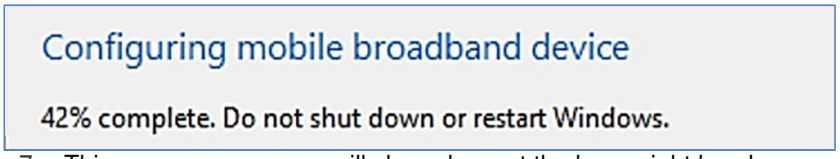
4. You should choose Generic for T-Mobile in the USA



5. For this example we will change from Sprint to Verizon Wireless network. Highlight Verizon Wireless and hit OK.



6. The firmware will be updated.



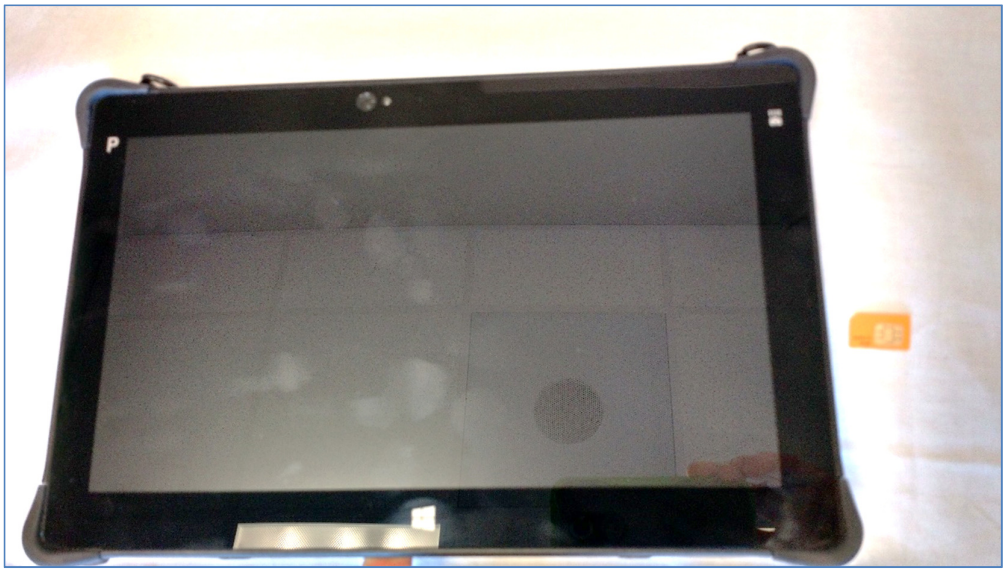
7. This progress message will show down at the lower right hand corner of Windows.

8. This will come up once the firmware on your LTE module has been updated to your carrier. This is letting you know it is ok to connect. Make sure you read below about instructions on how to add your Standard Size SIM from your carrier to the xTablet T1600.

9. The next thing you must do is register your radio module information with a carrier and get a SIM card. Here are the steps to follow for that.
10. Turn off the tablet to install the Standard Size SIM card. Follow the instructions below on inserting the Standard Size SIM card.
    a. Verizon – You will need to purchase a Standard Size SIM from Verizon and associate the SIM number to your business account. Then follow the steps below to insert the SIM into the system
    b. Sprint – You will need to purchase a Standard Size SIM from Sprint and associate the SIM number to your business account. Then follow the steps below to insert the SIM into the system
    c. AT&T – You will need to purchase a Standard Size SIM from AT&T and associate the SIM number to your business account. Then follow the steps below to insert the SIM into the system
    d. T-Mobile - You will need to purchase a Standard Size SIM from T-Mobile and associate the SIM number to your business account. Then follow the steps below to insert the SIM into the system

Step Four: Installing your LTE SIM

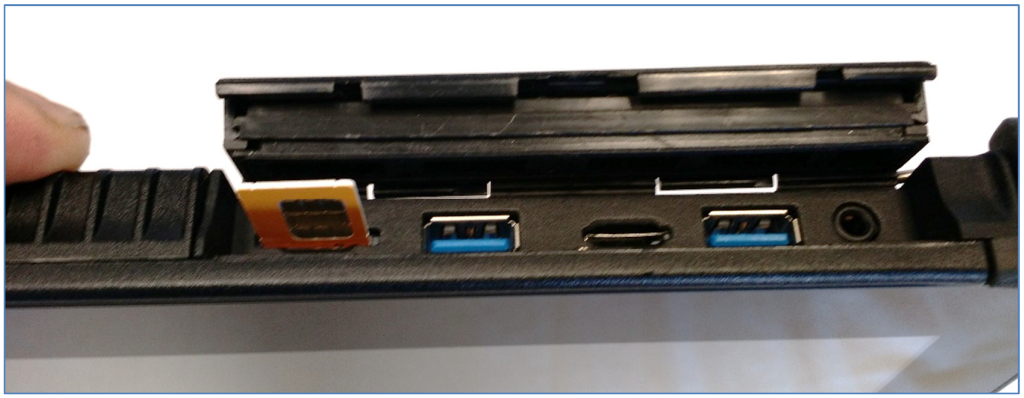
1. Make sure you have a standard size SIM
2. You will insert the SIM with the gold contact side facing up



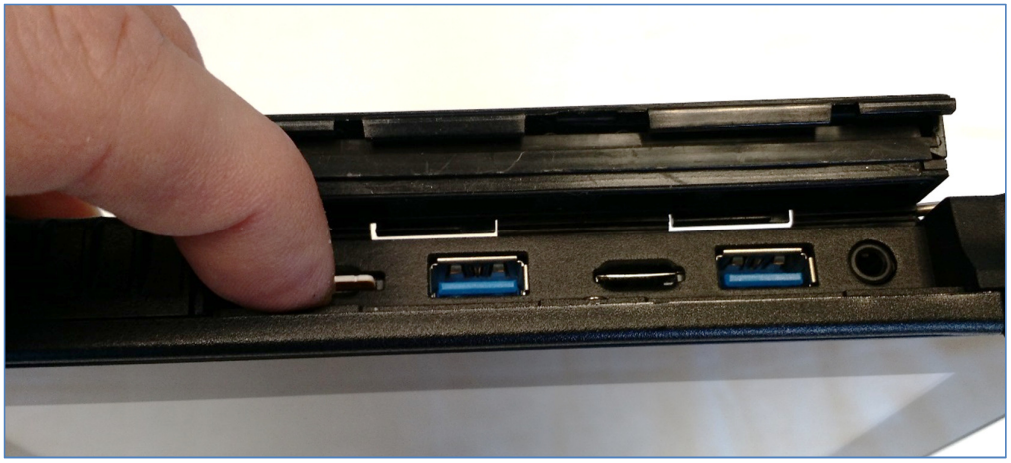
3. Note location of notched corner on Micro SIM card should be facing up.
4. Open the I/O door on the right side of the tablet

5. The SIM sock is the socket shown in the picture.

6. Insert the SIM as shown.



7. The SIM will go in and snap into place.



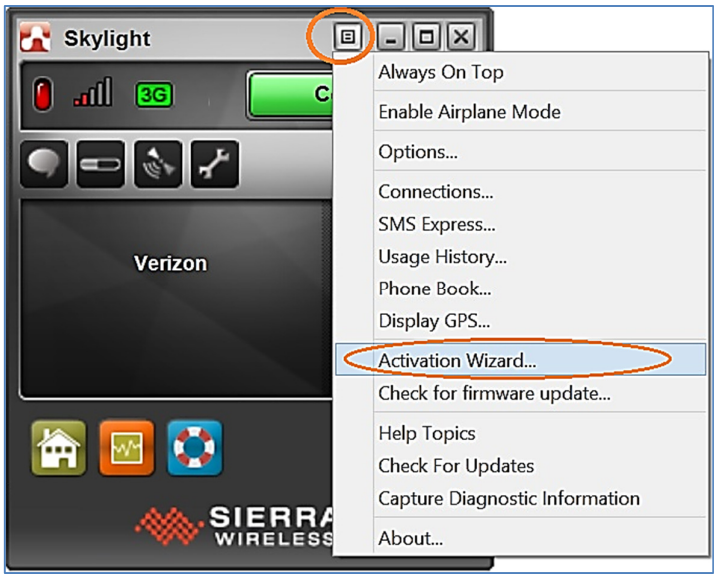
8. Press on the SIM until you hear it snap into place.
9. To remove the SIM, press on it and it will unlock and pop out of the slot.

Step Three: Connecting to your carrier

1. Now that your Standard Size SIM is installed and it is associated with your carrier, you can connect with your carrier.
2. Power on the xTablet T1600.
3. Click "Connect" to connect to the carrier. If this is the first time you have connected, there will be an automatic activation in the back ground.

4. You are now connected to your carrier. To disconnect from your carrier, press Disconnect.

5. Note about Carrier Activation: When switching from one carrier to another, the automatic activation may not come up because the software is under the impression the GOBI module is already activated. Follow these steps if you want to run the Automatic Activation Wizard manually with your carrier.



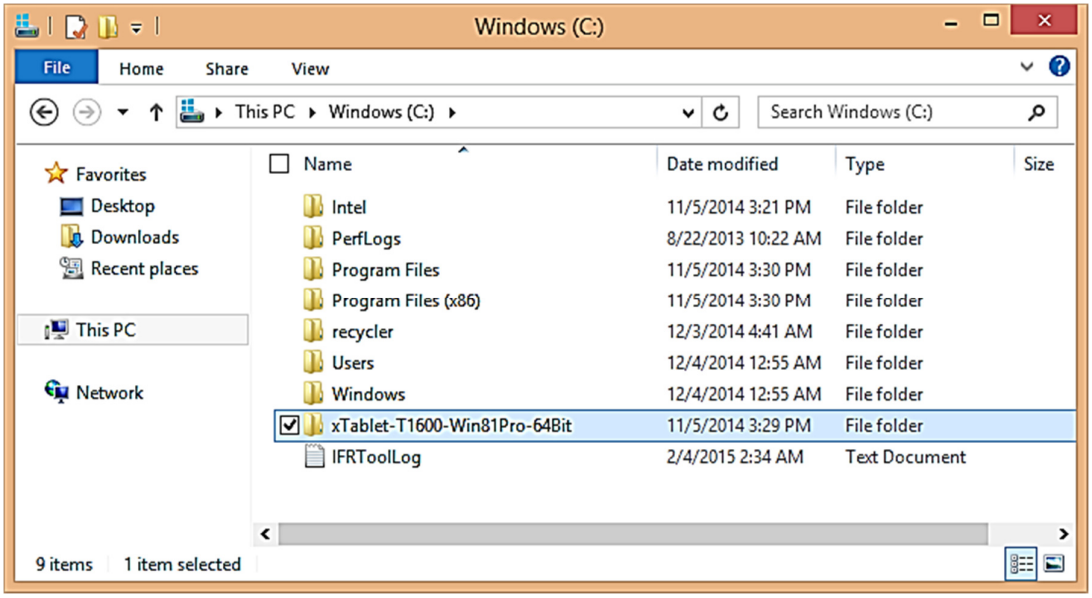
6. Click on the icon shown at the top and select Activation Wizard. If you have an account with Verizon, and you have a 4G Standard Size SIM installed, it will activate.

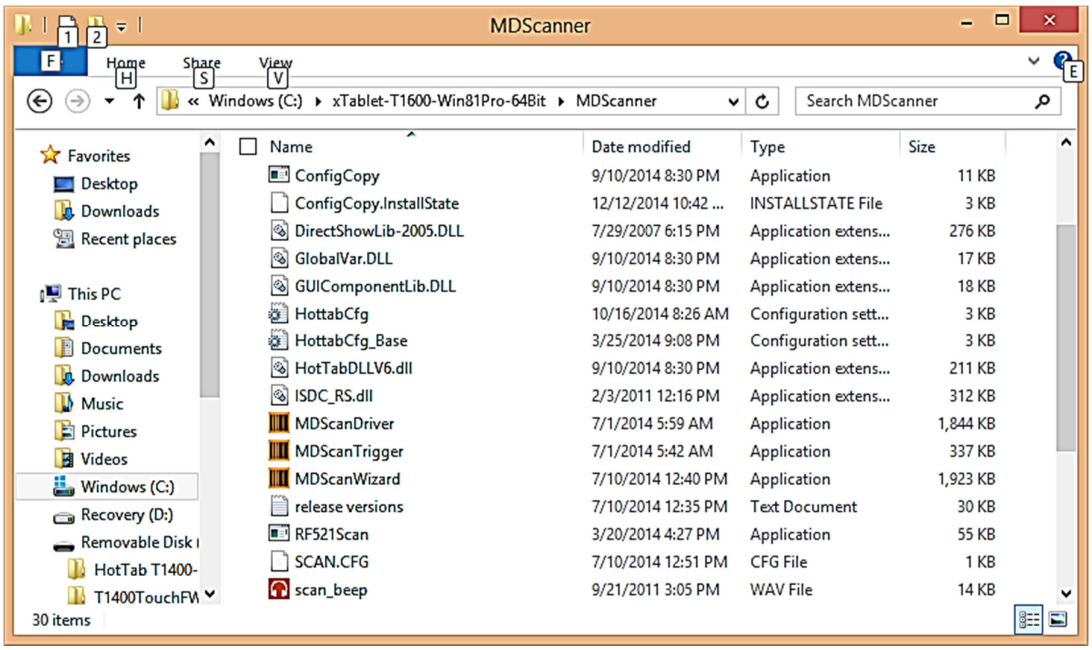
Read Me First

Read Me First

Setting up the Barcode Scanner

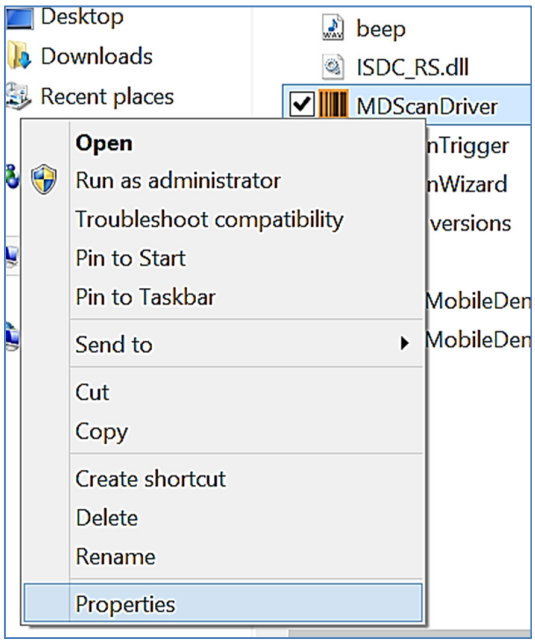
This configuration should be completed prior to shipment. If for some reason scanning is not functioning correctly please go through the following these steps.



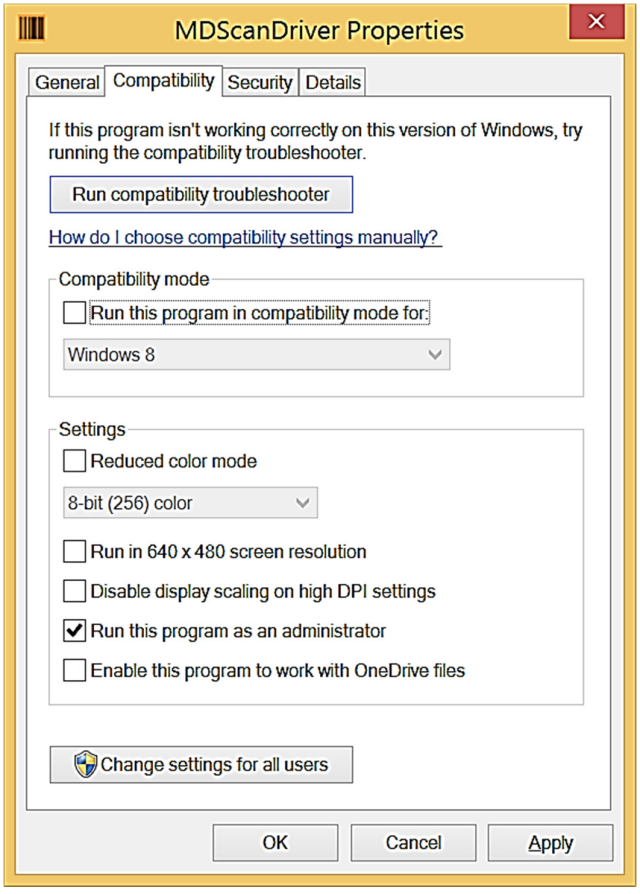


1. Open up File Explorer and navigate to the T1600 Driver Folder and the MDScanner directory.

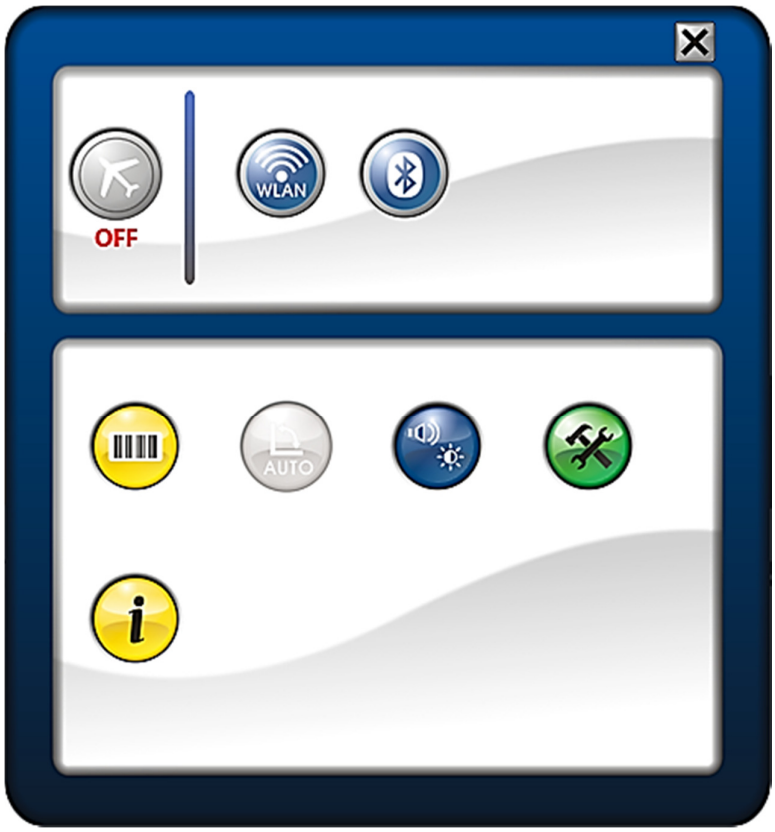
Setting up the Barcode Scanner



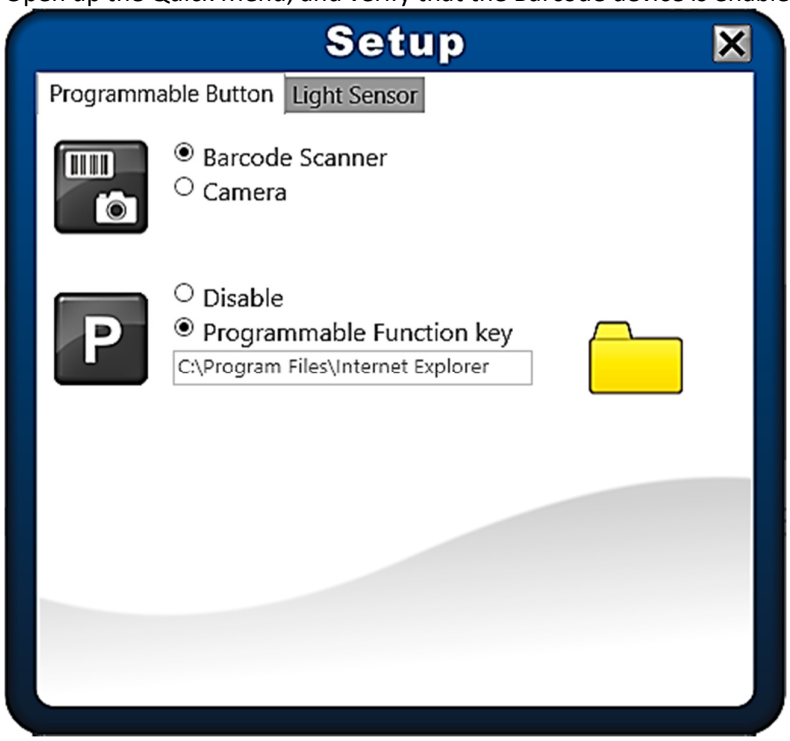
2. Right click on the file "MDScanDriver" and select Properties



3. Click on Change settings for all users.
4. Then click the Set the "Run this program as an administrator > Click OK > Do the same steps to the MDScanWizard.exe file.



5. Open up the Quick Menu, and verify that the Barcode device is enabled.



6. Open up the Quick Menu and verify that the barcode Trigger is enabled.
7. The scanner should now be functional.

Accessories

The xTablet T1600 offers the following optional accessories for purchase:

High Capacity Battery • Capacity: 7.4V 10600mAh (2S2P) Li-Polymer Battery	**Hand Strap** Ergonomic hand-strap can help you hold the xTablet T1600 much more easily and comfortably.
Auto Adapter • Rapidly charges your xTablet T1600 in your car while you drive • Length: 3m	**Office Dock** • 4 USB • Ethernet • RS232 • HDMI
Dual Pack Charger • Two slot charger to charge any of the three different battery packs. • Two chargers can be daisy chained together. Utilizes the same power supply as the one that is shipped with the tablet.	**Vehicle Dock** • Safe storage, charging and communications while operating a vehicle. • 4 USB • Ethernet • RS232 • Built-in power converter up to 36VDC • Other power converters up to 100VDC • WWAN Antenna • GPS Antenna • Optional Keyboard Mounting Kit
Large Stylus Kit • Larger and more rugged stylus for intensive use. • Rugged metal mesh tip • 5.5” stylus • 16” tether Side stylus holder	**2-Point Shoulder Strap** • 2-Point shoulder strap provides another option for carrying the tablet. **4-Point Shoulder Straps** • 4-Point shoulder strap provides another option for carrying the tablet, but also for “hands-free” operation.
Barcode Scanner • High performance 2D imager • Reads linear, stacked linear and matrix barcodes	**RFID Reader** • High performance HF RFID reader • Supports ISO 15693, 14443A/B standards, and NVC ISO 18092

Troubleshooting

Problem	Solution
The removable battery is not charging.	• Make sure the AC adapter is properly connected, and that the removable battery is properly inserted.
Nothing appears on the screen.	• The xTablet T1600 may be in sleep mode • Press the power button to wake up the display. • The brightness level may be too low. Increase brightness. Verify by shading the screen.
The screen suddenly turns blank and the power indicator goes off.	• Make sure the AC adapter is properly connected. • If running on battery power, the battery may be depleted, charge the battery.
Wireless LAN signal quality is poor.	• The xTablet T1600 may be out of range. Move the xTablet T1600 closer to the access point or another wireless LAN device associated with it. • Check if your surroundings have interferences, such as microwave ovens, cordless phones. Move the xTablet T1600 away from objects causing interference.
I cannot connect to another wireless LAN device.	• Make sure that wireless LAN feature is turned on. • Make sure that the SSID setting is the same for every wireless LAN device in the network. • Restart the xTablet T1600 • Make sure the IP address or subnet mask setting is correct.

The GPS application cannot find my location.	• If just starting the tablet from power off, it may take several minutes for signal to be acquired. • Make sure that GPS receiver and the location sensor are enabled in Control Panel. • The xTablet T1600 may be out of coverage area. Move your xTablet T1600 outdoors or closer to a window. • Check if your surroundings have interference, such as microwave ovens, cordless phones. Move the xTablet T1600 away from objects causing interference.
No sound is produced.	• Adjust volume of the xTablet T1600 by adjusting the volume on the toolbar by clicking on the speaker icon. • If using an external audio device, make sure that the cable is properly connected.
Barcode scanner does not emit light and does not seem to work.	• Make sure the Barcode scanner software is running by checking for the MDScanner utility down on the toolbar by the clock.
Barcode Scanner emits light but does not read barcode presented to it.	• Adjust the distance between barcode scanner of the device and the barcode being scanned. • Make sure the barcode code type is enabled in the tablet. To enable/disable a specific barcode code type, use Intermec EasySet program located in the driver's folder located off the root of the C:\ drive. • Clean the scanner lens with a damp clean cloth.

Appendix

Copyright

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Safety Information

Follow and adhere to all warnings and instructions in this manual. For your safety, please read all safety and operating instructions before using the product. Keep this manual for future reference.

Precaution on Battery Pack

Do Not Expose the Battery Pack to Excessive Heat, or Extreme Heat (Near a Fire, in Direct Sunlight for example). Generation of heat, ignition or rupture may result.
Do Not Disassemble, Modify, or Insert Sharp Objects Into the Battery Pack. Electrolyte leakage, generation of heat, ignition or rupture may result.
Do Not Short the Positive (+) and Negative (-) Terminals of the Battery. Generation of heat, ignition or rupture may result. When carrying or storing the device, do not place the battery pack together with articles that may contact electricity.
Do Not Drop or Apply Strong Pressure to the Battery. Electrolyte leakage, generation of heat, ignition or rupture of battery may occur.
Do Not Charge the Battery Other Than with the Products Specified In This Manual. If the battery is not charged using one of the specified products and methods, electrolyte leakage, generation of heat, ignition or rupture may result.
When the Battery Pack Has Deteriorated, Replace It with a New Battery. Continued use of a damaged battery pack may result in heat generation, ignition or battery rupture.
Do Not Use the Battery Pack With Any Other Products. The battery pack is rechargeable and is only designed for this specific product. If it is used with a product other than the specified product, electrolyte leakage, generation of heat, ignition or rupture may result.
Do Not Use This Product With Battery Other Than the One Specified.

General Product Safety

This product should not be used near water such as bathtubs, sinks, swimming pools, wet basement, etc.
Do not block any ventilation openings. Do not place the product against a wall or in an enclosed space as doing so might impede the flow of cooling air.
Do not place the product near any heat sources such as radiators, warm air intakes, stoves or other heat-generating devices (including amplifiers or other heat producing equipment).
Do not disregard the safety that a polarized or grounded connection can provide. A polarized connection consists of two plugs, one of which is larger than the other. A grounded connection has two blades and a third one that is grounded. If the main plug provided cannot be inserted into your outlet, consult an electrician to replace your obsolete outlet.
Protect the power cord from being crushed or pinched, particularly in the area of the plugs, any receptacles used, and the point of exit from the apparatus. Do not break off the ground pin of the power cord.
Use only accessories specified by the manufacturer.
Use only with its transport carriage, stand, tripod, console or table specified by the manufacturer or sold with the product. When using a carriage, move the carriage assembly with the product carefully to avoid damage from falling over.
Unplug this apparatus during lightning storms.
Refer all servicing to qualified service personnel. A technical intervention is required when the apparatus has been damaged in any way, for example if the power cord or plug is damaged, liquid has been spilled or objects have fallen inside the unit, if the product has been exposed to rain or moisture, if it does not operate normally or if it has been dropped and cracked/broken.

Handling and Maintenance

Follow and adhere to all warnings and instructions in this manual. For you're the longevity of the product usage, please read all operating instructions before using the product. Keep this manual for future reference.

General Guideline

Keep the product at least 13 cm (5 inches) away from electrical appliances that can generate a strong magnetic field such as TV, refrigerator, motor, or a large audio speaker.
Do not place heavy objects on top of the xTablet T1600 as this may damage the display.
The screen surface can be scratched. Do not use paper towels to clean the display. It is best to use a touch screen cleaning cloth. Avoid touching it with a pen or pencil.
To maximize the life of the backlight in the display, allow backlight to automatically turn off as a result of power management. Avoid using a screen saver or other software that prevents the power management from working.

Cleaning Guideline

Use a soft cloth moistened with water or a non-alkaline detergent to wipe the exterior of the product.
Gently wipe the display with a soft, lint-free cloth. Do not use alcohol or detergent on the product.

Touchscreen Guideline

Use your finger or the stylus on the display. Using sharp or metallic object may cause scratches and damage the display, thereby causing errors.
Use a soft cloth to remove dirt on the display. The touchscreen surface has a special protective coating that prevents dirt from sticking to it. Not using a soft cloth may cause damage to the special protective coating on the touchscreen surface. To clean off hard to remove dirt, blow some steam on the particular area and gently wipe away using a soft cloth.
Do not use excessive force on the display. Avoid placing objects on top of the display as this may cause the glass to break.
When there is a noticeable discrepancy in the operation of the touchscreen function (your touch does not correlate to the proper location on the screen), recalibrate the touchscreen.

Regulatory Safety Statements

FCC Digital Emissions Compliance
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the radio or television receiving antenna.
- Increase the separation between the computer equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the radio or television receiver is connected.
- Consult the dealer or an experienced radio television technician for help.

Canadian Digital Apparatus Compliance
This Class B digital apparatus complies with Canadian ICES-003 and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)
Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.
Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Informations concernant l'exposition aux fréquences radio (RF)
La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal. Ce périphérique a été évalué et démontré conforme aux limites SAR (Specific Absorption Rate – Taux d'absorption spécifique) d'IC lorsqu'il est installé dans des produits hôtes particuliers qui fonctionnent dans des conditions d'exposition à des appareils portables.

802.11 Radio Precaution Statement
Caution: Users are responsible for configuring the channels of operation that comply with their country regulatory standards. A Wireless Network Administrator should review the operating restrictions detailed within the Access Point installation manual.
Caution: 802.11a wireless LAN 5.15 to 5.25 GHz (5 GHz radio channels 34 to 48) is restricted to indoor operations to reduce harmful interference to co-channel Mobile Satellite System (MSS) operations.

RF Exposure Warning
The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. Use of antennas and accessories not authorized may void the compliance of this product and may result in RF exposure beyond the limits established for this equipment.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when installed in specific host products operated in portable exposure conditions.

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Battery Disposal

THIS PRODUCT CONTAINS A LITHIUM-ION OR NICKEL-METAL HYDRIDE BATTERY. IT MUST BE DISPOSED OF PROPERLY. CONTACT LOCAL ENVIRONMENTAL AGENCIES FOR INFORMATION ON RECYCLING AND DISPOSAL PLANS IN YOUR AREA.

ANNEX IV

Symbol for the marking of electrical and electronic equipment

The symbol indicating separate collection for electrical and electronic equipment consists of the crossed-out wheeled bin, as shown below. The symbol must be printed visibly, legibly and indelibly.

CAUTION FOR ADAPTER

THE xTablet T1600 IS FOR USE WITH DEDICATED AC ADAPTER.

BATTERY SAFETY

DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED.
REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISPOSE OF USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.

CAUTION FOR RJ-45

The RJ-45 jack is not used for telephone line connection.

Safety Instructions

These safety instructions should always be observed to ensure safe operation when handling the device

- Do not place this device on an unstable table or surface. The device may fall, causing serious damage to its housing and components.
- Do not cover the device, or block the air ventilation holes of the device with any other objects.
- Do not use any sharp object to tap on the display screen.
- Do not expose the device to direct sunlight and dusty environments.
- Keep the device away from excessive heat and humidity.
- Keep liquids away from the device.
- Keep the device away from any magnetic emitting devices as this may affect the quality of the wireless signal reception.
- When using an AC adapter:
    - ✓ Place this device in a location that is close enough to an electrical outlet to accommodate the length of the power cord.
    - ✓ Operate this device only with the type of power source indicated on the device marking label.
    - ✓ Disconnect the AC adapter from the electrical outlet if the device is not being used for an extended period of time.

- When cleaning the device,
  - ✓ Be sure to turn off the device properly and unplug the AC adapter before cleaning.
  - ✓ Wipe the device with a clean, dry cloth.
  - ✓ Do not use abrasive cleaners to clean the device.
- Do not attempt to disassemble or repair this device. Doing so will void the warranty.